LOST HIS LIFE

## TRACTION CO.'S SECRET REVEALED.

Hoadley's Air Compressor the New Motive Power for Its Cars.

Russell Sage Considering a Similar System for the Elevated Roads.

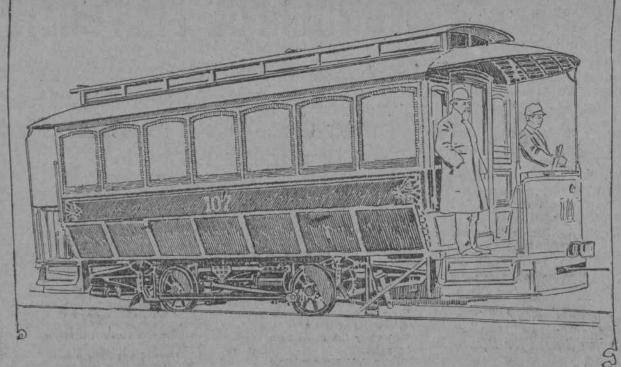
Millionaires Syndicated to Operate the New Invention Here and Elsewhere.

CAPITALIZED FOR FIVE MILLIONS.

Secresy of Those Interested Due to Outstanding Contracts-Power House Being Built and Cars Already Constructed.

It was learned yesterday that the introof the Metropolitan Traction Company is preliminary step to a vast manufacturing enterprise to company, of Schenectady, and the Westingbouse Manufacturing Company, of Pitts.

who are all interested, some of them building the first machines, which will be heavily, in street railway securities, placed on cars built by the John Stephen-Messrs. Elkins and Widener and a Philason Company, Limited, of New York. Ten

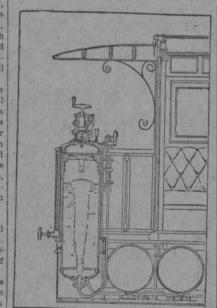


first conduit system. He was especially engaged by the air compressor syndicate to apply the principle to street cars, and it is applied with the General Electric Company, of Schenectady, and the Westingheuse Manufacturing Company, of Pitts-burg. A syndicate for the formation of a Natural Company has been organized, to which 55,000,000 has been subscribed, and two fantories are now in course of constructions are filled and two fantories are now in course of constructions and Pipiladelphia capitalists where the Metropolitan Traction Company is the preliminary step to the establishment of a vasi manufacturing enterprise to company to Schenectady, and the Westingheuse Manufacturing Company, of Schenectady, and the Westingheuse Manufacturing Company, of Pitts-burg. A syndicate for the formation of a compressor syndicate the exclusive spiring and end of the railway line, these compressors as soon as the machines can be supplied, and that the extensive cable asystem now in operation there will be fitted out in the same way next year. Reprebilition of the lar compressor closely and have reported it to their chief as supplied to the compressors as soon as the machines can be supplied, and that the extensive cable asystem now in operation there will be fitted out in the extensive cable asystem now in operation there will be fitted out in the extensive cable asystem now in operation there will be fitted out in the extensive cable asystem now in operation there will be fitted out in the extensive cable asystem now in operation there will be fitted out in the extensive cable asystem now in operation there will be fitted out in the extensive cable asystem now in operation there will be fitted out in the extensive cable to reservoirs are filled with air that a fixed out in the extensive cable asystem now in operation there will be fitted to the extensive cable asystem now in operation there will be supplied and that the extensive cable to reservoirs are filled with air that a fixed out in the same way next year. Reprethe M

Francisco. He has made a comprehensive of twenty-five atmospheres in the same study of street railway traction and is said cylindrical motors illing power supplies the brake and reerse motion. The compressor carries a pressure of 2,000 pounds, which is conrolled by steel plates of the highest grade

WORKSHOPS CLOSELY GUARDED. held, at that time became interested in a new application of the compressed air principle, invented by Joseph H. Hoadley, a member of the engineering firm of Hoadley, and the projected change of ley Brothers, who has been for many years power is anything more than an experiment, it is believed that they intend, being built, is closely guarded and its occupants are dumb as to cupants are dumb Mr. Hoadley yesterday refused to be in-erviewed as to the character of his inven-

to have evolved a wonderful mechanism. The merit of the Mekarski machine is in capable of a multitude of uses. It is not this ingenious mechanism. It is claimed laimed that his system is cheaper than the that M. Mekarski was the first to invent trolley system, but it is claimed to be a practical means of utilizing expansion in cheaper in operation and installation than muchines of this sort. either steam or cables, and can be applied successfully wherever stationary power is successfully wherever stationary power is speed. Its other advantages are cleanliness, speed, power and ease of control. A car equipped with the compressor weighs 2,000 fpounds less than a troiley car of equivalent power and carrying capacity. The compressor is carried between the trucks beneath the floor, and is operated by a simple meath the floor, and is operated by a simple than if the action occurred at the simple than if the action occurred at the sateman, selzed Daley, in an effort to save nechanism on the front platform. The proas in steam locomotives. Trials of this interesting machine were at once satisfactory. Start, stop, changes in speed are made without noise, without ef-



and Walter H. Knight, one of the most prominent engineers of the country.

The Worcester concern has been running aight and day on its contract with the new syndicate and will turn the product syndicate will be in New York, and manuscript the substitution of the New York, and manuscript the substitution of the New York contracts providing for the substitution on the New York contracts providing for the substitution on the New York contract at the Sentifically. The treatment additional makes a cure certain. The heavy facture will be in New York, and manuscript the substitution on the New York contracts are known to exist.

The head offices of the air compressor and hour—a mile in two and a half minutes. The range of pressure was from 200 to 2,025 pounds. The car could run thirteen its rest without residence of the substitution of the New York contracts are known to exist.

The head offices of the air compressor and nour—a mile in two and a half minutes. The range of pressure was from 200 to 2,025 pounds. The car could run thirteen its rest without residence of the country. miles on a continuous track without re newal of power. These conditions are claimed to have been excelled by the Hoad-

> EUROPEAN SYSTEMS. One of the European systems which Messrs. Hill and Pearson are to investigate is the Mekarski, extensively used in

Gateman John Hall Killed at One Hundred and Thirtyfifth Street "L" Station.

He Was Trying to Prevent an Intoxicated Man from Falling on the Track.

Clinched, They Toppled Over Together and an Engine Ground Out Hall's Life.

ENGINEER SAW THEM, BUT TOO LATE.

Daley, a Laborer, Had Insulted a Young Woman on a Train and Was Ejected—One of His Arms Cut , Off.

In a scuffic with a man who was drunk on the Eighth avenue and One Hundred and Thirty-fifth street elevated station las-

out his new application of the old principle of these reservoirs. It would be impossible of air compression while a resident of San otherwise to utilize the air under pressure followed and tried to sit beside her. She appealed to a guard. Daley went to the end of the car and began to quarrel with hlm. At One Hundred and Twenty-fifth street Miss Terry left the train. Dale; continued to abuse the man and was finall, put off at One Hundred and Thirty-fifth

After walking along the platform for som

simple than if the action occurred at the orifice of admission or on the distributors, as in steam locomotives.

So in steam locomotives once began to struggle with Hall, and when the engine was within about fifty feet of them he clutched the gateman around the neck, jumped to the track and dragged Hall with him. Daley landed on the other side of the inner uptown rall, except that his right arm was across the rail. He still lung to Hall's coat collar. Hall fell with his legs across the outer rail and his arms across the inner one.

Between Spells of Paper Throwing They While the men were in this position the engine struck them. Hall had cried for help as soon as he fell, and the engineer, who heard him and saw the men fall, re The Aldermen combined business with versed his engine, but it was too late. The fun yesterday; tossed waste paper baskets at each other as they voted on ordinances; far enough to let the ash pan crush Hall's at each other as they voted on ordinances; old stories while Vice-President Windolph body against the cross ties. His legs and rapped for order, and finally left for the ball game in such numbers that business was stopped for want of a quorum.

arms and Daly's arm had been cut off by the wheels under the water tank.

Inspector W. J. Walsh, of the One Hun-

was stopped for want of a quorum.

Notwithistanding the horseplay, however, the Aldermen did some business, and they incidentally looked after themselves by asking the Commissioner of Public Works to have electric fans and electric lights to have electric fans and electric lights body from under the ash pan. The train body from under the ash pan. The train the commissioner of Public Works to have electric fans and electric lights body from under the ash pan. The train body from under the ash pan. Having done this, the city wise men pro- was delayed about half an hour while this eeded to sidetrack a resolution granting was being done. Daley was taken to the ermission for a parade of horseless car. Manhattan Hosaltal and Mally

rmission for a parade of horseless carages on Memorial Day. The request was
ade by John Brisben Walker.
It was opposed by Alderman Goodman,
to thought a horseless carriage parade
that day would detract from that of the
terans. Then the Board showed its partimentary skill by referring the resolution
the Committee on Streets, which will
of meet until after the day of the pade.

Manhattan Hospital and Hall's body to
the West One Hundred and Twenty-fifth
Street Police Station.

Conductor Alex Heaten, of No. 418 West
Thirty-fifth street, and Engineer Henry
Manley, of No. 298 West One Hundred
and Thirty-seventh street, were arrested.

Sale.

SEPARATE SKIRTS. Linen Crash Skirt. \$4.50

scientifically. The treatment administered at the WESTCHESTER SANITARIUM makes a cure certain. \$13.75

BICYCLE SUITS.

Saddle Suit of Beige Cloth, with Plaited Skirt, Leggings and Bloomers, \$10.00

English Mixed Cloth Suit, with Silk Finished Coat, \$13.50, \$17.50, \$25.00

James McCreery & Co., Twenty-third Street.

mously That It is TO SAVE ANOTHER. Constitutional.

Albany, N. Y., May 26 .- The constitutionality of the Raines law was unani-

Appeals. Chief Justice Andrews wrote the opinion, and all the Justices concur.

On March 23 Fred G. Insfield, proprietor of a saloon at No. 50 Beekman street, New York, applied to the Excise Board for a license for another year. Under the Raines law there was no power in the Board to issue a Heense to expire later than April 30, 1896, when all the Excise boards were to go out of existence. It was refused.

Mr. Insfield presented to the court a writ of certiorari. Justice Pryor decided he could not declare the law unconstitutional and dismissed the writ. The Appellate Division of the First Department affirmed Justice Pryor's order. The attempt before the Court of Appeals was to overthrow the order of the Appellate Division, and the sole ground was unconstitutionality of the law.

Not one of the four reasons was held good by the Court of Appeals, all of which

law.

Not one of the four reasons was held good by the Court of Appeals, all of which have been printed in full in the Journal. The decision is that the Raines law did not need a two-thirds instead of a majority vote; that it does not ignore the constitutional classification of cities; that it was submitted as fas as was required for approval by Mayors, and that it was not distinctly a tax measure, as distinguished from a police regulation for the restriction of the liquor traffic.

Pardon Asked for Wiborg.
Philadelphia, May 26.-W. W. Kerr, cour

RAINES LAW'S FINAL TEST. ALL FAVOR MORE LIGHT.

The Court of Appeals Decides Unani- Members of the Board of Estimate Unani mous for Illuminating the Boulevard.

Not a member of the Board of Estimate and Apportionment will vote against the tionality of the Baires law was unani-mously confirmed to-day by the Court of Arrange (Net Institute Adverse protection) of the money required to really light the Appeals. Chief Justice Andrews wrote the Western Boulevard. All heartfly approve

KNOCKOUT BLOW FOR WEYLER His Edict Forbidding Tobacco Exports

Overruled at Olney's Request. Washington, May 26 .- The protest made by Secretary Olney against Captain-Gen-eral Weyler's prohibition of tobacco ex-ports from Havana, has been successful. General Weyler has been officially informed that all contracts for Cuban leaf tobacco entered into before the publication

## SIXTH AVE., 20TH TO 21ST ST.

Special.

Ladies', Misses' and Children's

Leghorn Flats,

in all the popular shapes, at

Half Regular Prices.

Trimmed Millinery.

We offer in this department a

Special Collect on

Trimmed Hats, including all the latest shapes and Trimmings, at

One-Third Value,

5.48.

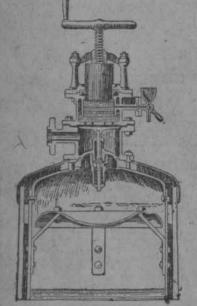
Lord & Taylor. Grand Street Store.

Flags and Decorations of all kinds. A large and complete assortment of

Decoration Goods.

Designs and Estimates submitted for decorating Halls; Buildings; Grounds, etc.

Cor. Grand & Chrystie Streets.



politan Traction Company.

the manufacture of compressors.

The American Wheelock Engine Company of Worcester, has the contract for the promotion of the compressor have for principal machinery, which is being built several months inserted saving clauses in the promotion of the compressor have for the principal machinery, which is being built several months inserted saving clauses in the promotion of the compressor have for the promotion of the compressor have for the promotion of the compressor have for the valves on each side of the car platform, and thence to the engines. Experiments the 'habit'—cured of the disease Suit of Outing Serge, Silk

against the possibility of mistakes in the branches in all the principal cities of the air pressure system and pass upon its serconstruction of its plant and in the appli- country. cation of the machines to street car pro-pulsion by employing Mr. Knight at a The air compressor is likely to work a

Engine Company, of Worcester, Mass. A as soon as the new company is in shape to convinced these gentlemen that a power to convinced these gentlemen that a power to converte the internal state of the convinced these gentlemen that a power to converte the convinced the convinced these gentlemen that a power to converte the convinced that the convinced the convinc convinced these gentlemen that a power on every car now run over its several mess and against a likely to supplied by cable, electric motor or horse power. If the ground that employes of the main propulsion for street railroads, and a part of the investment necessary to develop it was offered to members of the Metropolitan Traction Company. street crosstown lines will be fully equipped

Gompressed Air Street Gar Running in Paris.

delphia millionaire, whose name is with- of the new cars, it is said, are nearly

MONEYED MEN DELIGHTED.

President Horbert H. Vreeland, William with the new motive power, and the Bread-President Herbert H. Vreeland, William C. Waltney, John D. Crimmins, Thomas F. Ryan and Chief Engineer F. S. Pearson, of the Metropolitan Traction Company, were induced to investigate the Hoadley invention and visited Worcester, where experimental works were erected, to see the compressor in operation. It was tested as to power, speed, facility and cost of operation. with such success that the New York of futile experiments that have been tried capitalists decided to take hold of it, and by the Vanderbilts with conduits, trolleys the syndicate was formed to acquire the and air motors on the Fourth avenue line,

ntrol of the patents and proceed with which is to be leased for a term of ninety nine years by the Metropolitan Traction The capital stock was fixed at \$5,000,000, Company. POWER HOUSE BRING BUILT.

ad sufficient cash was advanced prior to and sufficient cash was advanced prior to the adjustment of the details of organization to beg'n the construction of a large plant for the manufacture of the machines.

Two buildings are being erected and will pressed air sufficient for a propulsion of Two buildings are being erected and will The Metropolitan Traction Company's new power house for the first use of the

system, which is now being built at Lenox avenue and One Hundred and Fortythe completion of the system, a vast structure from which all cars of the company will be supplied with the subtle, and noiseless force that Inventor Hoadley has harnessed. The American Wheelock Engine Company is now building for the plant a 500 horse-power Greene-Wheelock engine with Hill valve gear especially adapted to bigh air pressure, a Minerva air generator and multiple storage compressors with 5,000 enbic feet of resevoir capacity. This equipment will be sufficient only for the first consignment of motors, and will need to be increased before all the changes decided upon by the company have been made.

The officers of the Metropolitan Traction Company, and others interested in the Hoadley invention will not discuss their intentions. The work of experiment and organization has been carled on with prowill be supplied with the subtle, and

tentions. The work of experiment and organization has been carled on with profound secrecy. Most of the promoters of the enterprise are so heavily interested in electrical and street railway investments they fear the effect of an announcement of the full magnitude of their plan.

THE REGULATOR.

The American Wheelock Engine Company, or September 1. The American Wheelock Engine Company, of Worcester, has the contract for the principal maghinery, which is being built ander the supervision of Insurate.

The American Wheelock Engine Company, of Promotion of the compressor have for principal maghinery, which is being built ander the supervision of Insurate.

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The American Wheelock Engine Company was a company with the company of the care.

The American Wheelock Engine Company was a company with the company was a company with the surface of the present days and the several days and the several days and the sur

power machinery is being built by the Cramps in Philadelphia, with equal expedition. Much of the machinery requires established the company will be organized after the pecial delicacy and strength of construc-tion. The syndicate has fortified itself

work.

CARS ALREADY BUILT.

Mr. Knight was chief engineer of the old

Completed in New York last night between

eventh street, is likely to become, with END OF ONE OF THE FRENCH CARS, SHOWING HEATER.

viceability for the Manhattan lines in the near future.

homson—Houseon Electric Company, and the company and Charles T. Yerkes, whereben it was merged into the General lectric Comp where the chicago magnate acquires the exclusive right to use the Hoadley invention that concern. He built the first electric in that city. The consideration is reported liway in the country and installed the to have been \$1,000,000. It is said that tween the wheels, are placed cylindrical style, less time by Near S.

itarium is in no way restricted, and the time required for treatment is spent as pleasantly as at a pleasure WESTCHESTER SANITARIUM, Westchester Village, N. Y. NEW YORK CITYOFFICE. 1144 Broadway, cor. 26th St.

fort, with movements hardly visible. Mr.

Hoadley's invention has these characteris-

tics effected through a somewhat different

CITY WISE MEN FROLIC.

Kill a Parade of Horseless

Carriages.

or meet until after the day of the parade.

The Law Committee's report on a change of the ordinance regulating the street tands was adopted. It provides that senceforth the fee shall be \$10 for each ruit stand, news stands \$5 each, and boot-blacks' stands \$3 each. The new ordinance also provides that no more than three-blacks can be used on any one bootblack's tand, and further that all stand holders must be citizens and must not pay any fee or rent other than the fee above referred to. Then came the resolution asking the tapid Transit Commissioners to urge the danhattan L road people to build three nore lines in the annexed district, as told discovere.

Now try McCan a's, are Bowery, most style, least money. Near Spring ste

The Great Summer Resort Number The Journal Will Be Published

Sunday, June 14th.

Watch for It!